

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

N THE APPLICATION OF:

STEPHEN M. ALLEN ET. AL.

CASE NO.:

BB-1167-B

APPLICATION NO.: 09/720,384

CONFIRMATION NO.: 2363

GROUP ART UNIT: 1646

EXAMINER: BUI, PHUONG T.

FILED: DECEMBER 21, 2000

FOR: SULFATE ASSIMILATION PROTEINS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants would like to bring to the attention of the U.S. Patent and Trademark Office information that may be helpful in the examination of the above-identified patent application. All of the information is listed on an attached Form PTO/SB/08. A copy of the information, when required, is attached hereto.

Enclosed is a Form PTO/SB/17 authorizing the associated fee to be charged to a Deposit Account of E. I. du Pont de Nemours and Company.

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Respectfully submitted,

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Dated: June 30, 2003

Enclosures

PTO/SB/08b(05-03)

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| Substitute for form 1449B/PTO | Complete if Known | | |
|-----------------------------------|------------------------|--------------------------|--|
| | Application Number | 09/720,384 | |
| INFORMATION DISCLOSURE | Filing Date | December 21, 2000 | |
| STATEMENT BY APPLICANT | First Named Inventor | Stephen M. Allen Et. Al. | |
| | Art Unit | 1638 | |
| (Use as many sheets as necessary) | Examiner Name | Phuong T. Bui | |
| Sheet of | Attorney Docket Number | BB-1167-B | |

| | NON PATENT LITERATURE DOCUMENTS | | | |
|---|---------------------------------|---|----|--|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Τ² | |
| | | DEYRUP, ANDREA T. et al., "Deletion and Site-directed Mutagenesis of the ATP-binding Motif (P-loop) in the Bifunctional Murine Atp-Sulfurylase/Adenosine 5'-Phosphosulfate Kinase Enzyme," The Journal of Biological Chemistry, April 17, 1998, pp. 9450-9456, Vol. 273, No. 16 | | |
| | | MACRAE, IAN J. et al., "Crystal Structure of Adenosine 5'-Phosphosulfate Kinase from Penicillium chrysogenum," Biochemistry, 2000, pp. 1613-1621, Vol. 39 | | |
| *************************************** | | SATISHCHANDRAN, C. et al., "Characterization of the Phosphorylated Enzyme Intermediate Formed in the Adenosine 5'-Phosphosulfate Kinase Reaction," Biochemistry, 1992, pp. 11684-11688, Vol. 31 | | |
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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